



## Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <http://about.jstor.org/participate-jstor/individuals/early-journal-content>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact [support@jstor.org](mailto:support@jstor.org).



	PAGE
Prefatory.....	2
Practical Carpentry : Lessons in Geometry, Lines, etc.....	6
Gothic Arches, Ellipses, Mouldings, Ovals, etc.....	19
Ellipses, Enlarging and Diminishing Mouldings, etc.....	35
Graphic Methods of obtaining the Outlines of Window and Door-heads, from one or more Centres.....	51
Gothic Arches.....	67
Covering of Solids.....	83
"        ".....	102
"        ".....	118
Hip Roofs, Rafters, etc.....	134
Pictures.....	94
Q	
Queries : Plane Irons, Picture-Frames, Filling, etc.....	7
Screw-driver, Mitre, Moulding-cutters, Painting, Glue, Bridging, Wardrobe, Design.....	23
Mouldings, Machine-Cutters, Corner Cupboard, Em- blems, Scale, Secretary, Cocks, Preservative.....	43
Mirror, Bench, Railing, Æolian Harp, Hand-railing, Scale, Circular Saw, Area, Spring and Plumb Bevel, Oils, Wages.....	58
Stair Cylinder, Teak Wood, Mouldings, Home Trusses, Cottage.....	74
Plough-Saws, Oak, Flute, Cupboard, Books, Common Table, Nails.....	90
Wreath, Saw, Planes, Trades, Mahogany, Varnishing, Tools, Pews, Ebonizing.....	103
High Buildings, Blackboard, Paint, Fire, Wood, Em- bossing, Spandril, Rubber, Chairs, Picture-frame, Æolian Harp, Stain.....	122
Statuary, Test, Rosewood, Carvings, Decoration, Veneer, Mortise and Tenon, Furniture Paste, Picture- Frame, Drawings, Flower-Stand.....	138
Window Garden, Cigar-Stand, Pedestal, Spring and Plumb Bevel, Dimension, Geometry, Drafting In- struments, Polishing, Stained Work, Black and Gold Frames, Table.....	151
Stain, Old Furniture, Carver's Squeezing Wax, Side- board, Veneers, Picture-Frames, Glue, Allanthus, Piano, Sun-tracings, Cane.....	171
Baluster, Rope Moulding, Gelatine, Hand and Foot- power Machines, White Holly, Door for Hanging Cabinet, Drawing.....	188
R	
Rosewood.....	14
S	
Schedule of Daily Wages..15, 31, 47, 63, 79, 95, 111, 127, 143, 159, 175	46
Supply of Walnut Lumber.....	66
Stray Notes.....	83
T	
The Sectorian System of Hand-Railing.—Tools Used—Wreaths —Curves, Tangents, and Joints.....	3
Complete Explanation of Lines for Platform Stairs.....	32
Full Explanation of Winding Stairs and Rail.....	38
Description of Kering and Keying Wall Strings, etc.....	55
Stretchout, Plan, and Run of a Stair.....	83
Description of Stairs with Winders in Quadrant.....	119
Circular Stair.....	134
Elliptical Stair.....	150
Trade Mention.....	91
The Framing Square.....	166
To Our Friends.....	2
Technical Education.....	10
To Cut Glass without a Diamond.....	11
The Care of Shop Tools.....	27
The Proper Speed for Circular Saws.....	30
The Outlook.....	84
The "AMERICAN BUILDER".....47, 63, 79, 95, 111, 127, 143, 159,	175, 191
U	
Useful Items for Office and Shop.....15, 30, 46, 62, 110, 126	
V	
Varnish for Paintings.....	94
W	
Work and Pleasure.....	87

## ILLUSTRATIONS.

JANUARY.

**A Pair of Carved Doors; Seven Cuts on the Sectorian System of Hand-Railing; Writing Table; Section of Hall Staircase, with Balusters, Newel. Doors, etc.; Bookcase and Writing-Table; Practical Carpentry—Ten Problems; Hips and Bevels; Bookcase and Drawers.**

FEBRUARY.

Plate 9.—Design for Wall-Table ; Plate 10.—Moulds, Wreaths, Bevels, and Stretchout for a Platform Stair, Sectorian System of Hand-Railing; Plate 11.—Mantel and Cabinet; Plate 12.—Design for a Sideboard; Plate 13.—Design for a Cottage in Queen Anne Style; Plate 14.—Practical Carpentry—Eight Problems; Plate 15.—Isometric Drawing—thirteen illustrations; Plate 16.—Workman's Cottage—two illustrations.

MARCH.

Plate 17.—Design for Bookcase—two cuts; Plate 18.—Eighteen Diagrams on Hand-Railings; Plate 19.—Two Elevations of a Sideboard; Plate 20.—Five Elevations of Library Table and Reading-Desk; Plate 21.—Two Elevations of Easel; Plate 22.—Seven Illustrations in Practical Carpentry; Plate 23.—Problems on Hip Roofs, and Other Matters; Plate 24.—Design for a Wardrobe.

APRIL

Plate 25.—Combined Writing-Desk and Bookcase; Plate 26.—Illustration on Hand-Railing; Plate 27.—Problems in Hand-Railing; Plate 28.—Design for a Sideboard; Plate 29.—Perspective View of Hall and Staircase, with Details of Work; Plate 30.—Ten Problems in Practical Carpentry; Plate 31.—Fourteen Diagrams Explanatory of Isometric Projection; Plate 32.—Design for a Bookcase.

## MAY.

Plate 33.—Wall Cabinet; Plate 34.—Eleven Problems in Sectorian Hand-Railing; Plate 35.—Eight Diagrams on Hand-Railing, three Cuts of Æolian Harps; Plate 36.—Design for a Cabinet; Plate 37.—Amateur's Bookcase and Writing-Desk; Plate 38.—Nine Problems in Practical Carpentry; Plate 39.—Lessons in Projection, Cabinet-Makers' Bench; Plate 40.—Design for a Farm-House Mantel.

**JUNE.**

Plate 41.—Bookcase; Plate 42.—Sectorian Hand-Railing; Plate 43.—Eight Problems in Practical Carpentry—Subscribers' Problems; Plate 44.—Altar, St. Peter's Church; Plate 45.—Design for a Bay Window, by F. W. Fiedler; Plate 46.—Lessons in Projection; Plate 47.—Table and Washstand; Plate 48.—Four Studies for Amateurs, by F. W. Fiedler.

## JULY.

Plate 49.—Gent's Toilet Stand—Hanging Cabinet; Plate 50.—Cut Strings and Wreath for Staircase; Plate 51.—Ten Problems in Practical Carpentry; Plate 52.—Design for Hall and Staircase; Plate 53.—Design for Newel Post; Plate 54.—Lessons in Projection; Plate 55.—Six Designs for Rustic Chairs; Plate 56.—Design for Lady's Toilet Table.

**AUGUST.**

Plate 57.—Two Elevations of a Secretary ; Plate 58.—Sectorial Hand-Railing ; Plate 59.—Examples in Practical Carpentry ; Plate 60.—Design for Grave Railings ; Plate 61.—Design for a " Literary Chair " ; Plate 62.—Studies in Projection ; Plate 63.—Designs for Altar and Communion Table ; Plate 64.—Hanging Cabinet.

SEPTEMBER.

Plate 65.—Sideboard ; Plate 66.—Sectorian Hand-Railing ; Plate 67.—Hip Roofs, Bevels, Purlius, and Cripples ; Plate 68.—Ottoman Sofa ; Plate 69.—Japanese Cabinet ; Plate 70.—Problems in Projection ; Plate 71.—Design of a Drawing-Room Chair ; Plate 72.—Thirteen Examples of Swiss Architecture.

**OCTOBER.**

Plate 73.—Mantel and Shelves; Plate 74.—Elliptical Stairs; Plate 75.—Angular Framing; Plate 76.—Two Elevations of Library Table; Plate 77.—Design for Mantel; Plate 78.—Eleven Designs for Swiss Furniture; Plate 79.—Designs for Pedestal and Newel Posts; Plate 80.—Design for a Cabinet.

## NOVEMBER.

Plate 81.—Sketch of a Grand Piano ; Plate 82.—Hand-Railing ; Plate 83.—The Steel Square and its Uses ; Plate 84.—Mantel and Fireplace ; Plate 85.—Chamber Suite ; Plate 86.—Examples of Swiss Architecture ; Plate 87.—Designs for a Pulpit, and for a Wardrobe ; Plate 88.—Design for a Sideboard.

DECEMBER.

Plate 89.—Secretary ; Plate 90.—Bed-Room Furniture ; Plate 91.—Design for a Mantel ; Plate 92.—Staircase ; Plate 93.—Pedestal ; Plate 94.—Examples of Swiss Architecture ; Plate 95.—Designs for a Wall-Table and a Picture-Frame ; Plate 96.—Six Studies for Amateurs.